

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A portable telephone having including a main body, an audio input portion, an audio output portion and a display device, said display device comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said gate signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other.

2. (Currently Amended) A camera having including a main body, an image receiving portion and a display device, said display device comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said gate signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other.

3. (Currently Amended) A personal mobile computer having including a main body, an operation switch and a display device, said display device comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said gate signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other.

4. (Currently Amended) A portable information terminal having including a main body and a display device, said display device comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said gate signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other.

5. (Currently Amended) A portable telephone having including a main body, an audio input portion, an audio output portion and a display device, said display device, comprising:

a source signal line side driving circuit; and
a gate signal line side driving circuit,

wherein said source signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other.

6. (Currently Amended) A camera having including a main body, an image receiving portion and a display device, said display device, comprising:

a source signal line side driving circuit; and
a gate signal line side driving circuit,

wherein said source signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other.

7. (Currently Amended) A personal mobile computer having including a main body, an operation switch and a display device, said display device, comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said source signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other.

8. (Currently Amended) A portable information terminal having including a main body and a display device, said display device, comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said source signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other.

9. (Currently Amended) A portable telephone having including a main body, an audio input portion, an audio output portion and a display device, said display device comprising:

a driving circuit comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in said inverters have a channel width of 100 μ m or less.

10. (Currently Amended) A camera having including a main body, an image receiving portion and a display device, said display device comprising:

a driving circuit comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in said inverters have a channel width of 100 μm or less.

11. (Currently Amended) A personal mobile computer having including a main body, an operation switch and a display device, said display device comprising:

a driving circuit comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in said inverters have a channel width of 100 μm or less.

12. (Currently Amended) A portable information terminal having including a main body and a display device, said display device comprising:

a driving circuit comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in said inverters have a channel width of 100 μm or less.

13. (Currently Amended) A portable telephone having including a main body, an audio input portion, an audio output portion and a display device, said display device comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein a channel width of the plurality of n-channel thin film transistors and the plurality of p-channel thin film transistors in one of said inverters is different from that of said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in another one of said inverters.

14. (Currently Amended) A camera having including a main body, an image receiving portion and a display device, said display device comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein a channel width of the plurality of n-channel thin film transistors and the plurality of p-channel thin film transistors in one of said inverters is different from that of

said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in another one of said inverters.

15. (Currently Amended) A personal mobile computer having including a main body, an operation switch and a display device, said display device comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein a channel width of the plurality of n-channel thin film transistors and the plurality of p-channel thin film transistors in one of said inverters is different from that of said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in another one of said inverters.

16. (Currently Amended) A portable information terminal having including a main body and a display device, said display device comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein a channel width of the plurality of n-channel thin film transistors and the plurality of p-channel thin film transistors in one of said inverters is different from that of

said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in another one of said inverters.

17. (Currently Amended) A portable telephone having including a main body, an audio input portion, an audio output portion and a display device, said display device comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said gate signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

18. (Currently Amended) A camera having including a main body, an image receiving portion and a display device, said display device comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said gate signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

19. (Currently Amended) A personal mobile computer having including a main body, an operation switch and a display device, said display device comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said gate signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

20. (Currently Amended) A portable information terminal having including a main body and a display device, said display device comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said gate signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

21. (Currently Amended) A portable telephone having including a main body, an audio input portion, an audio output portion and a display device, said display device, comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said source signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

22. (Currently Amended) A camera having including a main body, an image receiving portion and a display device, said display device, comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said source signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

23. (Currently Amended) A personal mobile computer having including a main body, an operation switch and a display device, said display device, comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said source signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

24. (Currently Amended) A portable information terminal having including a main body and a display device, said display device, comprising:

a source signal line side driving circuit; and

a gate signal line side driving circuit,

wherein said source signal line side driving circuit includes a buffer circuit connected with an output line from a shift register circuit, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors, and

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality

of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

25. (Currently Amended) A portable telephone having including a main body, an audio input portion, an audio output portion and a display device, said display device comprising:

a driving circuit comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in said inverters have a channel width of 100 μ m or less,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

26. (Currently Amended) A camera having including a main body, an image receiving portion and a display device, said display device comprising:

a driving circuit comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in said inverters have a channel width of 100 μm or less,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

27. (Currently Amended) A personal mobile computer having including a main body, an operation switch and a display device, said display device comprising:

a driving circuit comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in said inverters have a channel width of 100 μm or less.

28. (Currently Amended) A portable information terminal having including a main body and a display device, said display device comprising:

a driving circuit comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in said inverters have a channel width of 100 μ m or less,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

29. (Currently Amended) A portable telephone having including a main body, an audio input portion, an audio output portion and a display device, said display device comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein a channel width of the plurality of n-channel thin film transistors and the plurality of p-channel thin film transistors in one of said inverters is different from that of said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in another one of said inverters,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality

of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

30. (Currently Amended) A camera having including a main body, an image receiving portion and a display device, said display device comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein a channel width of the plurality of n-channel thin film transistors and the plurality of p-channel thin film transistors in one of said inverters is different from that of said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in another one of said inverters,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

31. (Currently Amended) A personal mobile computer having including a main body, an operation switch and a display device, said display device comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein a channel width of the plurality of n-channel thin film transistors and the plurality of p-channel thin film transistors in one of said inverters is different from that of said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in another one of said inverters,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

32. (Currently Amended) A portable information terminal having including a main body and a display device, said display device comprising:

a buffer circuit connected with an output line from a shift register, said buffer circuit having a plurality of inverters,

wherein each of said inverters comprises a plurality of n-channel thin film transistors and a plurality of p-channel thin film transistors,

wherein each of said plurality of n-channel thin film transistors is connected in parallel with each other and each of said plurality of p-channel thin film transistors is connected in parallel with each other, and

wherein a channel width of the plurality of n-channel thin film transistors and the plurality of p-channel thin film transistors in one of said inverters is different from that of said plurality of n-channel thin film transistors and said plurality of p-channel thin film transistors in another one of said inverters,

wherein channel regions of the plurality of n-channel thin film transistors in one of the inverters are formed in a first semiconductor film and channel regions of the plurality

of p-channel thin film transistors in one of the inverters are formed in a second semiconductor film.

33. (Original) The portable telephone according to any one of claims 1, 5, 9, 13, 17, 25 and 29 wherein said display device is a liquid crystal device.

34. (Original) The portable telephone according to any one of claims 1, 5, 9, 13, 17, 25 and 29 wherein said display device is an electroluminescence display device.

35. (Original) The portable telephone according to any one of claims 1, 5, 9, 13, 17, 25 and 29 wherein each of the first and second semiconductor films comprises crystalline silicon.

36. (Original) The camera according to any one of claims 2, 6, 10, 14, 18, 22, 26 and 30 wherein said display device is a liquid crystal device.

37. (Original) The camera according to any one of claims 2, 6, 10, 14, 18, 22, 26 and 30 wherein said display device is an electroluminescence display device.

38. (Original) The camera according to any one of claims 2, 6, 10, 14, 18, 22, 26 and 30 wherein each of the first and second semiconductor films comprises crystalline silicon.

39. (Currently Amended) The personal mobile computer according to any one of claims 3, 7, 11, 15, 19, 23, 27 and 31 wherein said display device is a liquid crystal device.

40. (Currently Amended) The personal mobile computer according to any one of claims 3, 7, 11, 15, 19, 23, 27 and 31 wherein said display device is an electroluminescence display device.

41. (Currently Amended) The personal mobile computer according to any one of claims 3, 7, 11, 15, 19, 23, 27 and 31 wherein each of the first and second semiconductor films comprises crystalline silicon.

42. (Original) The portable information terminal according to any one of claims 4, 8, 12, 16, 20, 24 and 28 wherein said display device is a liquid crystal device.

43. (Original) The portable information terminal according to any one of claims 4, 8, 12, 16, 20, 24 and 28 wherein said display device is an electroluminescence display device.

44. (Original) The portable information terminal according to any one of claims 4, 8, 12, 16, 20, 24 and 28 wherein each of the first and second semiconductor films comprises crystalline silicon.

45. (Original) The camera according to any one of claims 2, 6, 10, 14, 18, 22, 26 and 30 wherein said camera is a still camera.

46. (Original) The camera according to any one of claims 2, 6, 10, 14, 18, 22, 26 and 30 wherein said camera is a video camera.